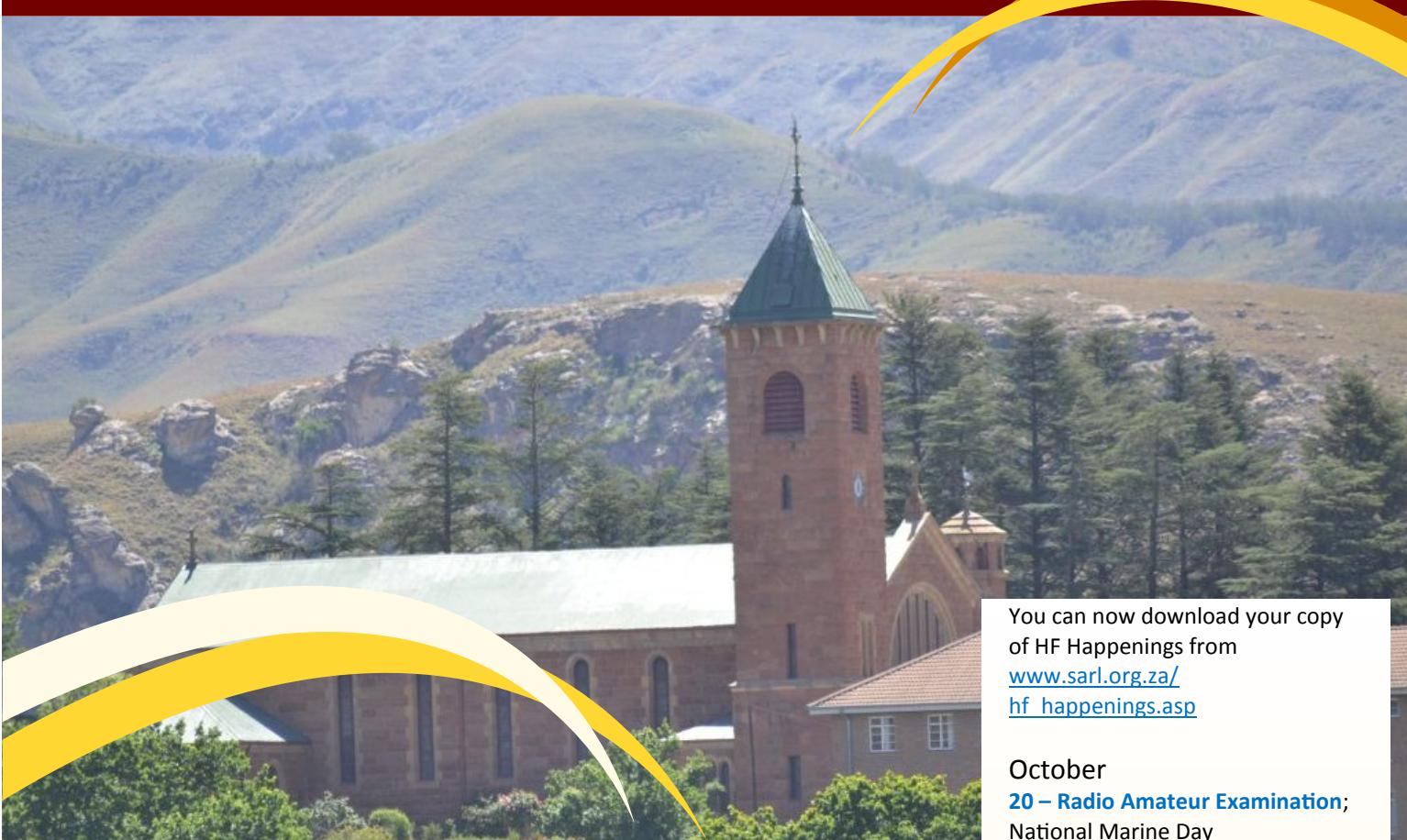


# HF Happenings 726

South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925

Volume 14, Issue 49 , the week of 24 October 2016



## Broadcasters, jammers wreak havoc on amateur radio frequencies

The ARRL reports the battle in the amateur radio 7 MHz band continues between Radio Eritrea and Radio Ethiopia, which is said to be jamming the Eritrean broadcaster with broadband white noise.

The problem for radio amateurs is that the battle is taking place in the 40 metre phone band — 7,145 and 7,175 MHz — with the jamming signal reported by the IARU Region 1 Monitoring System (IARUMS) to be 20 kHz wide on each channel.

The on-air conflict has been going on for years; Ethiopia constructed new transmitting sites in 2008 and is said to use two or three of them for jamming purposes. The interfering signals can be heard in North America after dark.

According to IARUMS Region 1 Coordinator Wolf Hadel, DK2OM, Radio Eritrea is airing separate programs on each frequency. He said in the IARUMS September newsletter that telecommunications regulators in Germany, Austria and Switzerland have been informed, so they could file official complaints.

Read the full ARRL story at  
[www.arrl.org/news/broadcasters-jammers-wreak-havoc-on-amateur-radio-frequencies](http://www.arrl.org/news/broadcasters-jammers-wreak-havoc-on-amateur-radio-frequencies)

IARU Region 1 Monitoring System latest news [www.iarums-r1.org/iarums/latest.pdf](http://www.iarums-r1.org/iarums/latest.pdf)

## Successful SOTA Summit to Summit EU-VK event

22 October saw the Summits on the Air, Australia to Europe Summit to Summit event. Fifty one summits across Europe, Australia, New Zealand and Japan were registered by their activators as intending to take part in this 2-hour 'super-activation'.

You can now download your copy of HF Happenings from  
[www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

## October

- 20 – Radio Amateur Examination;**  
National Marine Day
- 22 - SA Armour Museum Open Day,  
Tempe Military Base
- 25 - Closing date for November  
Radio ZS articles**
- 29 and 30 – CQ WW DX SSB Con-  
test**  
26 Oct to 5 Nov - Crafter's Fair  
Christmas Market, Morleta Park

## November

- 1 to 4 - Delmas Christmas Market
- 2 to 3 - Christmas Country Fair,  
Ballito
- 4 to 6 - Cape Classic 380, Montagu
- 5 - RaDAR Challenge;** Elim Wine  
Festival, Overberg; Fanschhoek  
Craft Festival; Pure Boland Mark,  
Worcester; Winterton Street Festi-  
val; Irene Market
- 6 - PEARS HF Contest**  
11 to 13 - Knysna Timber Festival
- 13 - SARL Youth Net**  
16 to 18 - GWK Cherry Festival,  
Ficksburg

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When 06:30 UTC arrived with weather varying from freezing cold to pouring with rain in Europe and not a lot better in Australia, the SOTA activators started their calls. Between 06:30 and 08:30 UTC, seventy-three summits were activated – twenty-two more than expected.

Mother Nature and propagation were "variable" to say the least but contacts were made between continents as well as within each of the regions. At times the number of active summits made it difficult to find a free frequency on 20 metres to call CQ on!

The organisers Andrew, VK1AD, and Mike, 2EOYYY, declared the event a success and planning is under way for future Australia to Europe SOTA events, most likely twice a year around the dates that we change the clocks in Spring and Autumn. A similar event is being discussed between European and North American SOTA activators.

## Canada to get special call sign prefixes next year

The Radio Amateurs of Canada, the IARU member society, says special alternative call sign prefixes will help publicise the 150th anniversary of Canada's Confederation in 2017. A series of national, regional and local events are to occur during the landmark year and the RAC says it has negotiated for VA call signs to use CF, VE to be CG, VO may be CH and VY stations will be able to use CI. Use of the alternative prefixes are expected to also include commemorative QSL cards.

## FT4JA Video available online

A video on the 2016 FT4JA Juan de Nova DXpedition is now available on YouTube. The video is a little over 17 minutes long and was recorded in HD (High-Definition). To view the video, go to <https://www.youtube.com/watch?v=g2LeKWMTylk>

## African DX

Morocco, CN2, A Russian/Canadian team is expected to be active as CN2AA during the CQ WW DX SSB Contest (29 and 30 October) as a Multi-Single entry. Operators mentioned are Dimitri, RA3CO, Yuri, RL3FT, Alex, RN2FA, Roman, RN5M, Sergey, RX3APM, Babayan, UA3ASZ, UA4Z and Kostyantyn, VE3LA. QSL via UA2FM and LoTW. See more details and pictures at <http://www.cn2aa.com>

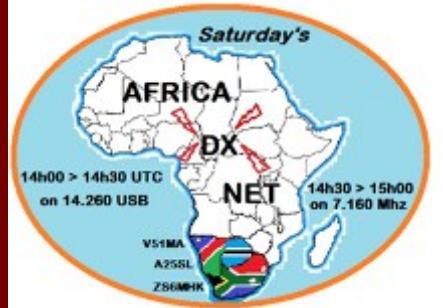
Ceuta and Melilla, ED9. Jorge, EA9LZ, will be active as ED9Z during the CQ WW DX SSB Contest (29 and 30 October) as a Single-Op/All or Single-Band entry. QSL via LoTW or EA5KB direct. No Bureau.

Benin, TY. Francois, F6AJL, is active as TY5AA from Parakou City until 30 November. Activity is on 80 to 10 metres using SSB. QSL via his home call sign.

Kenya, 5Z. Reiner/DL7KL and Tom/DJ6TF will be active as 5Z4/DL7KL and 5Z4/DJ6TF from Diani Beach between 16 and 30 November. Activity will be on 80-10 metres using mainly CW and the Digital modes with some SSB (spare time). They will operate 5Z4/DJ6TF during the CQ WW DX CW Contest (26 and 27 November). Operations will be with 500 watts into a R7 and wire antenna for 80 metres. QSL via the Bureau or direct to their home call signs.

Senegal, 6W. Ronald, VE3REV, recently moved to Dakar in August and plans to be active as 6W1SU for the next 2 to 3 years. Activity will be on 80 to 6 metres and he is currently operating SSB only, but hoping to tackle CW later. His station is a Kenwood TS850S with a Yaesu FL1200Z Amp into a MA5B three element Yagi, a 6M 6JXXJ 6 element Yagi and dipoles for 40/80 m. QSL via MOURX direct or the OQRS [www.mourx.com/oqrs/](http://www.mourx.com/oqrs/) (direct or by the Bureau). See [www.qrz.com/db/6W1SU](http://www.qrz.com/db/6W1SU) for more information.

Dem. Rep. of the Congo, 9Q. Fernando, EA4BB (ex-9Q5BB, D2BB, ST2BF, TU5JL, Z21BB), will be active as 9Q6BB from Goma, DRC, for up to 3 years. Activity will be on various HF bands (usually 80 to 10 metres) using mainly SSB with some CW. QSL via W3HNK, LoTW and eQSL; log search on Club Log.



17 to 19 - Sandstone Steam Cherry Festival

**25 - Closing date for December Radio ZS articles**

**26 - West Rand Flea market**

**26 and 27 - CQ WW CW Contest**

NASA releases trove of over 8 000 HD photos from the Apollo moon missions

Last Friday, for the first time ever, NASA uploaded the entire catalogue of 8 400 Apollo mission photos to Flickr spanning Apollo 7 (the first manned test flight in 1968) through to Apollo 17, the final lunar mission in 1972.

The effort to bring the photos online was lead by Kipp Teague of the Project Apollo Archive who first began scanning camera film magazines on behalf of the Johnson Space Centre in 2004. [www.thisiscoLOSSAL.com/2015/10/apollo-photos-hd](http://www.thisiscoLOSSAL.com/2015/10/apollo-photos-hd)

<https://www.flickr.com/photos/projectapolloarchive/albums-with/72157659052908231>

**MacLoggerDX Version 6.05 released**

Dog Park Software is pleased to announce that version 6.05 of MacLoggerDX has been released. What's New in this version:

- macOS 10.12 (Sierra) compatible.
- Added frequency Echo over USB/Serial for amplifiers, SteppIR, etc.
- Added 2nd Rx button for FTdx5000, FTdx9000, K3, TS-990 and Flex.
- New dxcluster list (pref is reset - make a note of your dxcluster).
- Added IW1QLH dxcluster health check.
- Added check for internal db up-

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Namibia, V5. Tev, TA1HZ, will be active from Namibia (call sign pending) during the CQ WW WPX SSB Contest (25 and 26 March 2017) as a Single-Op entry. QSL via LoTW and LZ3HI.

## African Islands

### IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Canary Islands, EF8, (Update/Change). Dan, N6MJ, will be active as EF8U (not EE8Z as announced earlier) from the Los Chachos Contest Club during the CQ WW DX SSB Contest (29 and 30 October) as Single-Op/All-Band/ High-Power entry. QSL via EA8URL or LOTW. Dan will be on the island between 26 October and 1 November. Activity outside of the contest Dan will sign as EA8/N6MJ. QSL EA8/N6MJ via W6TMD.

Mauritius, 3B8. Willi, DJ7RJ, will once again be active as 3B8/DJ7RJ between 9 November and 6 December. Activity will be on 160 to 10 metres with a focus on 160 m using CW and SSB. QSL via his home call sign direct.

Madagascar, 5R. Andy, OE7AJH, is now active as 5R8UP from Antananarivo. The length of his stay is not known. Activity has been on 40 and 20 metres using CW and SSB. QSL via his home call sign.

Canary Islands, EA8. Andy, DK5ON, will be active as EA8/DK5ON from Teneriffe Island (AF-004) between 26 October and 5 November. Activity will be on 40 to 6 metres using CW, SSB, RTTY and the digital modes on a SOTA and WWFF expedition. The rig is an ICOM IC-7300 into a Buddipole and Budstick. QSL via DK5ON, direct, by the Bureau or LoTW. NO E-QSL!

Tanzania, 5H. Yan, RZ3FW and Sergei, R4WAA will be active as 5H1WW from Zanzibar Island (AF-032), Tanzania between 19 and 28 November. They will operate CW, with some SSB and RTTY, on 160 to 10 metres and will participate in the CQ WW DX CW Contest. QSL via Club Log's OQRS or via RZ3FW.

Mayotte, FH. Pierre, HB9AMO, will be active as FH/HB9AMO between 23 November and 4 December. Activity will be holiday style on 80 to 10 metres (possibly 160 m) using mainly CW with some RTTY (no SSB). He plans to be in the CQ WW DX CW Contest (26 and 27 November) as a Single-Op/All-Band/Low-Power/Unassisted entry. His setup will be a Yaesu FT-991 and MFJ-939 automatic tuner into Two Spiderbeams 12 metres on telescopic masts, One Spiderbeam 404-UL multiband antenna, Delta loop for 30 metres and vertical and long wires antennas for the low bands. QSL via MOURX or LoTW. For more details and updates, see <http://www.hb9amo.net>

Canary Islands, ED8. An international contest team will be active as ED8X from La Palma Island (IOTA AF-004) during the CQ WW DX CW Contest (26 and 27 November) as a Multi-Single entry. Operators mentioned are Kresimir, 9A5K, Manolo, EA8DO, Krassimir, K1LZ, Jeff, K1ZM, Velimir, K3JO, Andrey, LZ2HM, Alexey, RA1A, Alexey, RN1AM, Vladimir, RW1A, Andrey, RW7K, Ionut, YO9WF, and Tiberiu, YO9GZU. QSL via LoTW or RN3RQ.

Guinea Bissau, J5. Members of the Italian DXpedition Team were expected to be active as J5T from the Bijagos Archipelago (AF-020), Guinea Bissau in November 2016, but now will be delayed to the second half of 2017. Look for updates on their Web page at <http://www.i2ysb.com/idt>. For news and the forum, see <http://www.hamradioweb.net>

dates at midnight as well as startup.

- Added IOTA to Log panel search fields.
- Added support for VUCC\_GRIDIS ADIF Import/Export and Awards.
- Added power and powerMultiplier AppleScript properties.
- exportADIF will obey prefs for addresses and skip ignored QSOs.
- Labels, QSL Panel Mark Sent changed from overwrite to append.
- Fixed IC-7300 Report Split.
- Fixed TS-990S Split and VFO B Mode.

MacLoggerDX is the Total Mac Ham Radio Assistant and premier Mac logger:

Organizing and filtering the spots from your favourite DX Cluster for DXing, casual Contesting or rag-chewing.

It supports close to a hundred radios, automatically tuning to the spots you are interested in and optionally swinging your beam around.

Alerting you to rare contacts or Band Openings and looking up, displaying on 2D, 3D and Satellite Maps and logging your contacts to a super fast sql database.

MacLoggerDX can also text or email you when the Bands are open or that rare DX is spotted. Awards Tracking, Band Activity, Schedules, Memories, QSL Generation, ADIF import, export, eQSL, LoTW Confirmations and much more.

This is a free update for all Version 6 customers and can be downloaded from: <http://dogparksoftware.com/MacLoggerDX.html>



South African CW Watering hole  
7.030 MHz

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 24 to 31 October 2016

### SKCC Sprint

00:00 - 02:00 UTC 26 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RST, state, province or country, name and SKCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 23:59 UTC 28 October 2016

E-mail log summary to: (none)

Post log summary at: [http://www.skccgroup.com/operating\\_activities/weekday\\_sprint/submit-display.php](http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php)

Mail logs to: (none)

Find rules at: [http://www.skccgroup.com/operating\\_activities/weekday\\_sprint/](http://www.skccgroup.com/operating_activities/weekday_sprint/)

### Phone Fray

02:30 - 03:00 UTC 26 October

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA:

Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 28 October 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: [http://www.perluma.com/Phone\\_Fray\\_Contest\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Contest_Rules.pdf)

### CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 26 October and 03:00 - 04:00 UTC 27 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 29 October 2016

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

### UKEICC 80 m Contest

20:00 - 21:00 UTC 26 October

Mode: CW

Bands: 80 m Only

Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 26 October 2016

E-mail logs to: (none)

Upload log at: <http://logs.ukicc.com/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.ukicc.com/which-contest/contest-rules/ukeicc-80-m-contests-rules>

### RSGB 80 m Club Sprint, SSB

19:00 - 20:00 UTC 27 October

Mode: SSB

Bands: 80 m Only

Classes: 100 W; 10 W

Exchange: other station's call and your call and serial no. and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 3 November 2016

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2016/rsprint.shtml>

### NCCC RTTY Sprint

01:45 - 02:15 UTC 28 October

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 October 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rttyns.html>

### NCCC Sprint

02:30 - 03:00 UTC 28 October

Mode: CW

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 October 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

### CQ Worldwide DX SSB Contest

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00:00 UTC 29 October to 24:00 UTC 30 October

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high - option: classic or rookie; Single Op Single Band - QRP, low or high; Single Op Assisted All Band - QRP, low or high; Single Op Assisted Single Band - QRP, low or high; Multi-Single - low or high; Multi-Two; Multi-Multi

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: RS and CQ Zone no

Work stations: Once per band

QSO Points: 0 points per QSO with same country (counts as mult); 1 point per QSO with different country same continent; 2 points per QSO with different country same continent (NA); 3 points per QSO with different continent

Multipliers: Each CQ zone once per band; Each country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 4 November 2016

E-mail logs to: [ssb@cqww.com](mailto:ssb@cqww.com)

Upload log at: <http://www.cqww.com/logcheck/>

Web-to-Cabrillo form: [http://www.b4h.net/cabforms/cqwwssb\\_cab.php](http://www.b4h.net/cabforms/cqwwssb_cab.php)

Mail logs to: CQ WW DX Contest, Box 481, New Carlisle, OH 45344, USA

Find rules at: <http://www.cqww.com/rules.htm>

## Next Week's Contests

Phone Fray, 02:30 - 03:00 UTC 2 November

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 2

November and 03:00 - 04:00 UTC 3 November

UKEICC 80 m Contest, 20:00 - 21:00 UTC 2 November

NRAU 10 m Activity Contest, 18:00 - 19:00 UTC (CW), 19:00 - 20:00 UTC (SSB), 20:00 - 21:00 UTC (FM) and 21:00 - 22:00 UTC (Dig) 3

November

NCCC RTTY Sprint, 01:45 - 02:15 UTC 4 November

NCCC Sprint, 02:30 - 03:00 UTC 4 November

IPARC CW Contest, 06:00 - 10:00 UTC and 14:00 - 18:00 UTC 5 November

Ukrainian DX Contest, 12:00 UTC 5 November to 12:00 UTC 6 November

RSGB International Sprint SSB Contest, 17:00 - 21:00 UTC 5 November

ARRL Sweepstakes CW Contest, 21:00 UTC 5 November to 03:00 UTC 7 November

IPARC SSB Contest, 06:00 - 10:00 UTC and 14:00 - 18:00 UTC 6 November

EANET Sprint, 08:00 - 12:00 UTC 6 November

High Speed Club CW Contest, 09:00 - 11:00 UTC and 15:00 - 17:00 UTC 6 November

DARC 10-Metre Digital Contest, 11:00 - 17:00 UTC 6 November

ARS Spartan Sprint, 02:00 - 04:00 UTC 8 November

## HF Happenings

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter